

**WASHINGTON STATE DEPARTMENT OF HEALTH
OFFICE OF FOOD SAFETY AND SHELLFISH PROGRAMS**

ANNUAL GROWING AREA REVIEW

PREPARED BY: Donald Melvin, Environmental Specialist

AREA: Port Orchard

YEAR ENDING: December 31, 2005

CLASSIFICATION: Approved, Prohibited

ACTIVITIES IN THE GROWING AREA IN 2005:

Samples were collected from each station in the growing area 6 times during the year using the systematic random sampling method. The Central Kitsap wastewater treatment plant closure zone was reevaluated and as a result, the "prohibited" area at the north end of the Port Orchard growing area was enlarged by 350 acres.

ANALYTICAL RESULTS OF WATER SAMPLES:

Table #1 summarizes the results of all samples collected from the area. This summary shows that all stations in the area pass the NSSP water quality standard.

CHANGE IN ACTUAL POLLUTION SOURCES THAT IMPACT THE GROWING AREA:

We currently have no information indicating that the area has new sources of pollution.

CLASSIFICATION STATUS:

- ☒ Well within the classification standards
- ☐ Meets standards but some concerns
- ☐ Meets standards but threatened with a downgrade in classification
- ☐ Fails to meet classification standards

REMARKS AND RECOMMENDATIONS:

Table #1 shows that all stations meet the NSSP water quality standards for approved classification and the area is correctly classified. Steel and Illahee creeks are on the 303D list for fecal coliform.

TABLE 1**SUMMARY OF MARINE WATER DATA (SRS)**Growing Area: **PORT ORCHARD PASSAGE**Classification: **Approved, Prohibited, Unclassified**From **10/26/2000** To **12/06/2005****FECAL COLIFORM ORGANISMS/100 ML**

Station Number	Classification	Number of Samples	Range	Geometric Mean	Est. 90th Percentile	Meets Std.
436	Approved	31	1.7 - 23.0	2.0	4.0	Yes
437	Approved	31	1.7 - 7.8	1.9	3.0	Yes
438	Approved	31	1.7 - 49.0	2.3	6.0	Yes
439	Approved	31	1.7 - 11.0	2.0	3.0	Yes
440	Approved	32	1.7 - 13.0	1.9	3.0	Yes
441	Approved	31	1.7 - 13.0	2.0	3.0	Yes
443	Approved	31	1.7 - 14.0	2.0	3.0	Yes
444	Approved	30	1.7 - 7.8	2.2	3.0	Yes
445	Approved	31	1.7 - 17.0	2.2	4.0	Yes
446	Approved	31	1.7 - 23.0	2.8	7.0	Yes
449	Approved	31	1.7 - 17.0	2.4	5.0	Yes
450	Approved	31	1.7 - 17.0	2.3	5.0	Yes
451	Approved	31	1.7 - 79.0	2.6	9.0	Yes
453	Approved	31	1.7 - 17.0	2.0	3.0	Yes
454	Approved	31	1.7 - 33.0	2.4	6.0	Yes
456	Approved	31	1.7 - 14.0	2.6	6.0	Yes
457	Approved	31	1.7 - 49.0	2.7	8.0	Yes
442	Prohibited	30	1.7 - 2.0	1.7	1.0	Yes
447	Prohibited	31	1.7 - 33.0	2.3	5.0	Yes
448	Prohibited	31	1.7 - 7.8	1.8	2.0	Yes
452	Prohibited	31	1.7 - 13.0	2.0	3.0	Yes
455	Prohibited	31	1.7 - 4.5	1.8	2.0	Yes
458	Unclassified	4	1.7 - 2.0	1.8	2.0	*N/A
459	Unclassified	4	1.7 - 7.8	2.6	6.0	*N/A
460	Unclassified	4	1.7 - 2.0	1.7	1.0	*N/A
461	Unclassified	31	1.7 - 33.0	2.7	7.0	Yes
603	Unclassified	18	1.7 - 46.0	2.7	8.0	*N/A
665	Unclassified	32	1.7 - 49.0	2.8	7.0	Yes
666	Unclassified	32	1.7 - 33.0	3.2	9.0	Yes
667	Unclassified	32	1.7 - 23.0	2.5	5.0	Yes

All tides information is presented

The standard for approved shellfish growing waters is fecal coliform geometric mean not greater than 14 organisms/100 ml and an estimate of the 90th percentile not greater than 43 organisms/100 ml. The above table shows bacteriological results in relation to program standards.

* N/A - SRS criteria require a minimum of 30 samples from each station. *



